

**Figure S3: Pairwise marker linkage disequilibrium (LD) in the unaffected members of the linked families and the reference population.**

Pairwise  $r^2$  linkage disequilibrium (LD) plots of the 30 *IGF1R* SNPs used in the haplotype segregation analysis within the unaffected members of the linked families (upper panel) and the Nordic–Finn reference population (lower panel). Names and relative position of the SNPs are shown on top. The  $r^2$  values for each pairwise comparison are shown in the squares. The genetic profile of the reference population was representative of our study population as judged by the similar LD patterns shown.

